

March 22, 1955

TO: Legal Counsel

J We are enclosing herewith a new divider marked, "Cancer Theories" for addition to Volume V; an analysis headed "Co-Carcinogenesis" which is the first item under this division, and two other items for insertion as follows:

✓ Volume V — Statistical Analysis

"The nature of the evidence on the association of smoking and lung cancer", Baltimore Health News, 32:85-96, January, 1955, by Matthew Taback.

✓ Volume V — Animal Experiments

"Further production of carcinoma with cigarette tar", by E. L. Wynder, E. A. Graban and A. B. Croninger, Proceedings of the American Association for Cancer Research, p. 56

✓ Will you also please transfer page 1953 Z6 (Wynder and Croninger) to the Animal Experiment section of Volume V.

Please note particularly the newest Wynder report, since it shows a failure to produce cancer in the same proportion as found in their first experiment. Their experience here shows that in the strains of mice in this experiment, the carcinogenic reaction is entirely dissimilar to that found in their first experiment. Certainly, if different strains of mice show a modified reaction, then the human reaction should be even less likely to occur. The complete report on this will be given at the meeting of the American Association for Cancer Research in San Francisco on April 15-17.

The Taback report offers one of the classic examples of statistical error based on association.

A. Grant Clarke

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